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(54) **METHOD FOR CREATING INCISIONS TO IMPROVE INTRAOCULAR LENS PLACEMENT**

(75) Inventors: **William Culbertson**, Miami, FL (US); **Mark Blumenkranz**, Portola Valley, CA (US); **David Angeley**, Charlottesville, VA (US); **George Marcellino**, Santa Cruz, CA (US); **Michael Wiltberger**, Santa Clara, CA (US); **Dan Andersen**, Menlo Park, CA (US)

(73) Assignee: **OPTIMEDICA CORPORATION**, Sunnyvale, CA (US)

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See application file for complete search history.

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Primary Examiner — Howie Matthews

(74) *Attorney, Agent, or Firm* — Abbott Medical Optics Inc.

(57) **ABSTRACT**

An intraocular lens assembly for positioning in a lens capsule of a patient's eye is disclosed. The intraocular lens is placed within an enclosed incision in target tissue in the patient's eye, wherein the incision is formed by a laser system including a scanner for deflecting a light beam to form an enclosed treatment pattern including a registration feature in the target tissue, and wherein the intraocular lens has a registration feature that engages with the registration feature of the enclosed incision. Alternately, the scanner can make a separate registration incision for a post that is connected to the intraocular lens via a strut member.

11 Claims, 9 Drawing Sheets

